

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Blackshear *et al.*

**Application No.** 10/511,362

**Filed:** October 15, 2004

**Confirmation No.** 3754

**For:** COMPOSITIONS AND METHODS FOR  
DIAGNOSTICS AND THERAPEUTICS  
FOR HYDROCEPHALUS

**Examiner:** Quang Nguyen, Ph.D.

**Art Unit:** 1633

**Attorney Reference No.** 4239-64828-02

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UNITED STATES PATENT AND TRADEMARK OFFICE

**AMENDMENT AND RESPONSE**

This document responds to the Office action dated July 30, 2010. A three-month shortened period of response was set, making a response due on or before October 30, 2010. As October 30, 2010 falls on a Saturday, this document is timely filed on **Monday, November 1, 2010**. It is believed that no fees are required for this filing. However, if the Commissioner determines that fees are required, Applicant hereby gives permission to take such fees from Deposit Account 02-4550.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2.

**Remarks** begin on page 10.

Exhibit A is submitted herewith.